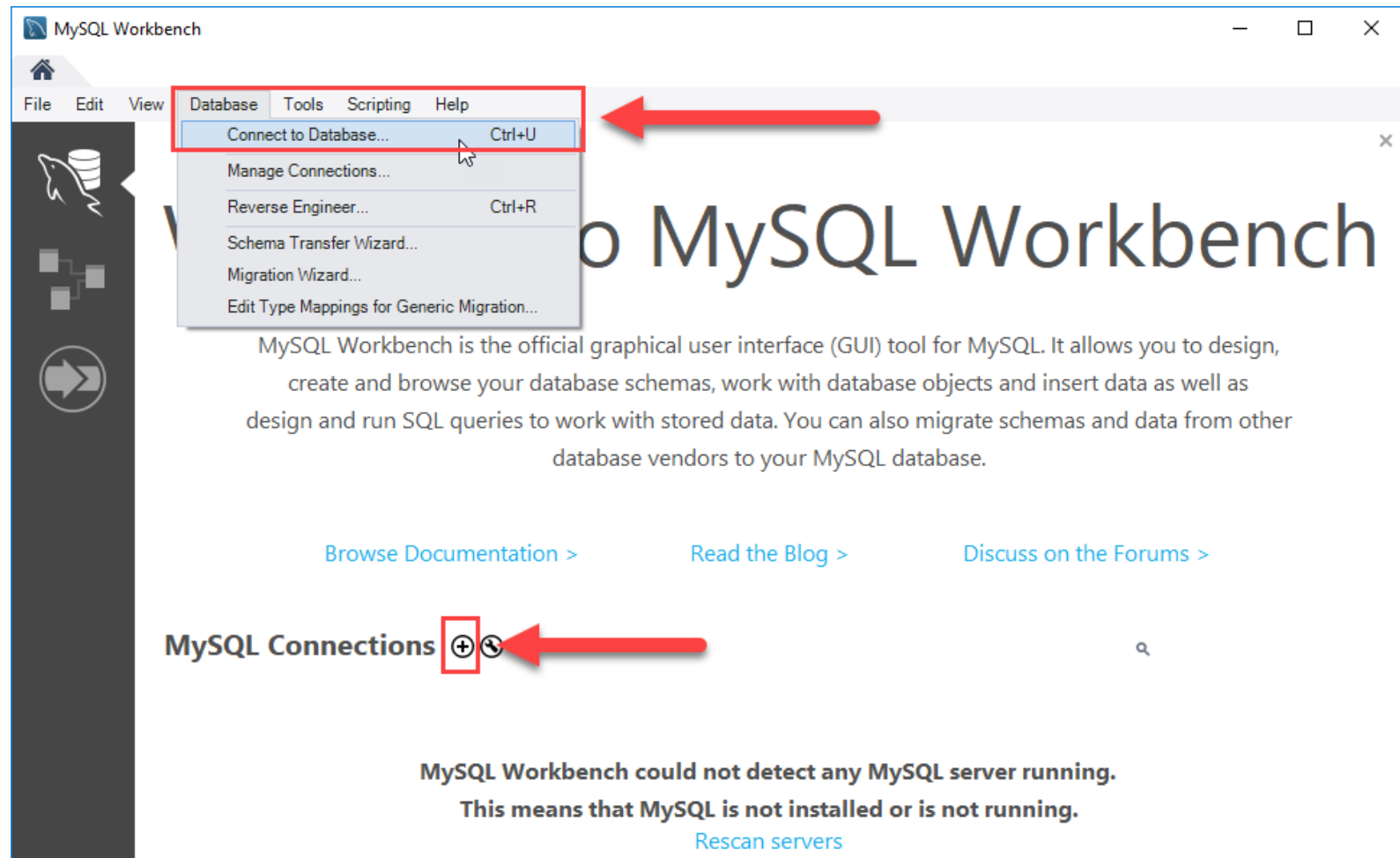


Connect to MySQL database server using MySQL Workbench

Step 1. Launch the MySQL Workbench.



You can connect to a MySQL Server using the **Database > Connect to Database...** menu or click the + button that is located next to the MySQL Connections.

Click the + button next to the MySQL Connections to continue.

Step 2. Enter the connection name e.g., Localhost. You can name it whatever makes sense to you. By default, the username is `root`. If you use a different user account, you can change it in the Username textbox.

Setup New Connection

Connection Name: Type a name for the connection

Connection Method: Method to use to connect to the RDBMS

Parameters SSL Advanced

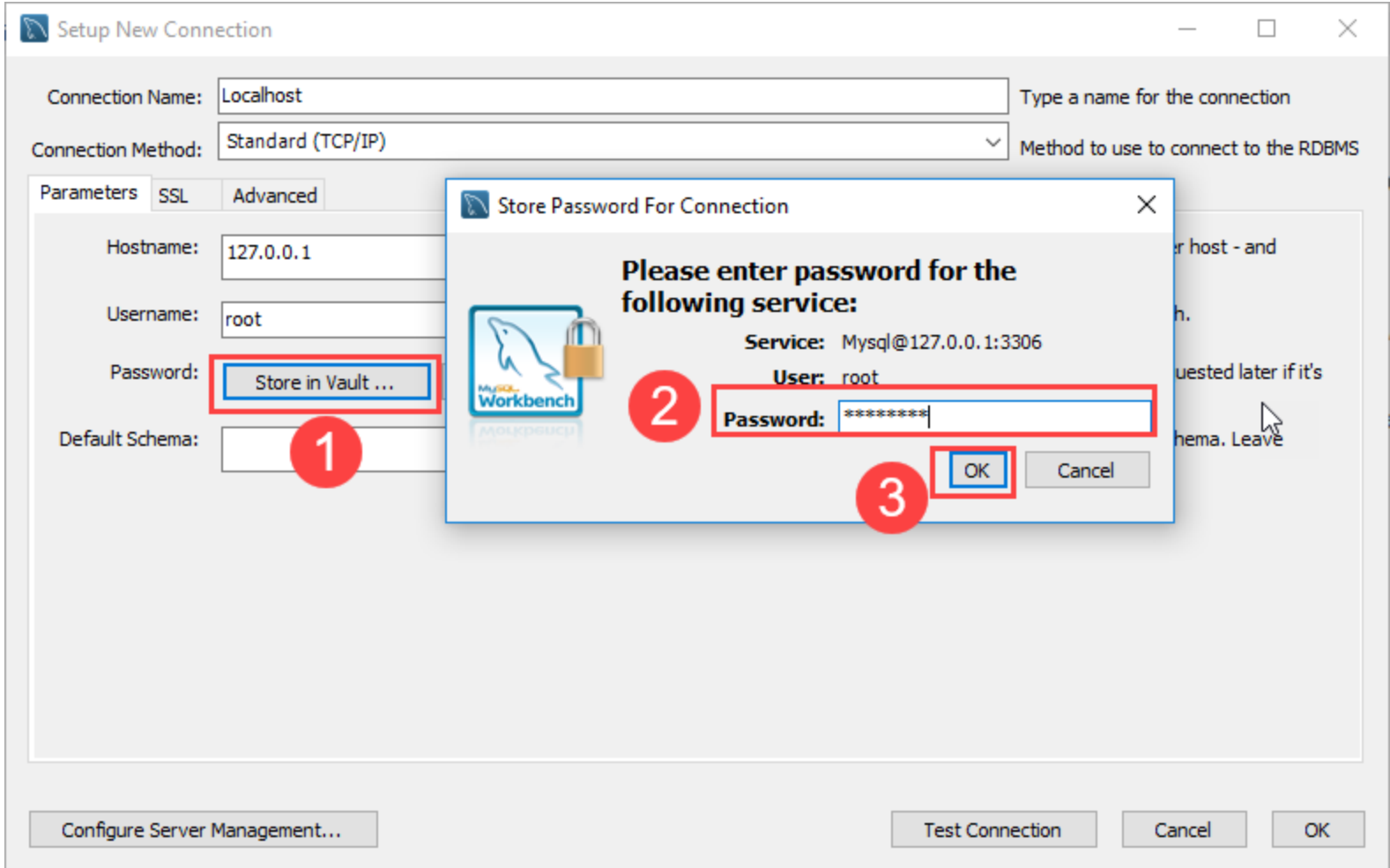
Hostname: Port: Name or IP address of the server host - and TCP/IP port.

Username: Name of the user to connect with.

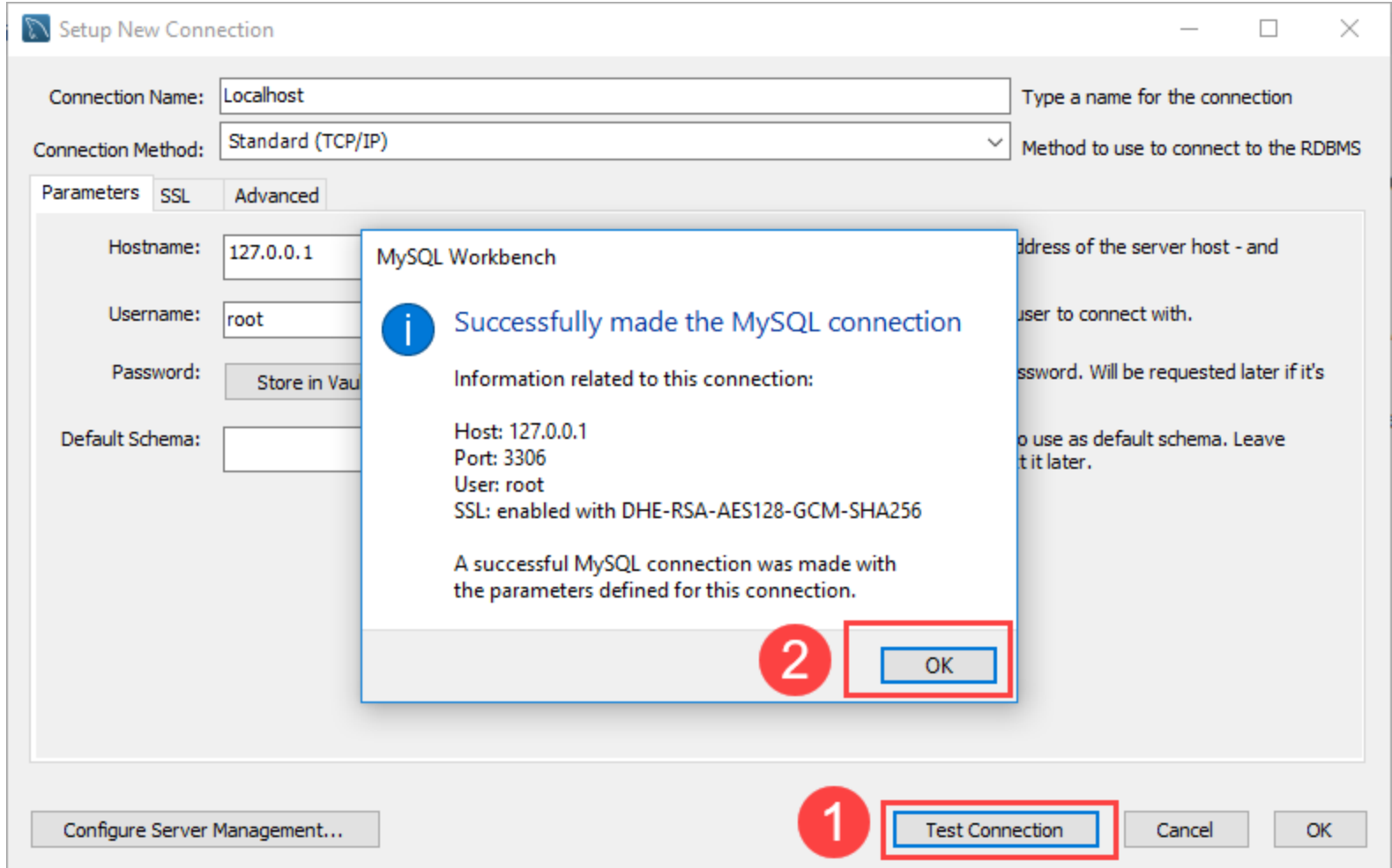
Password: The user's password. Will be requested later if it's not set.

Default Schema: The schema to use as default schema. Leave blank to select it later.

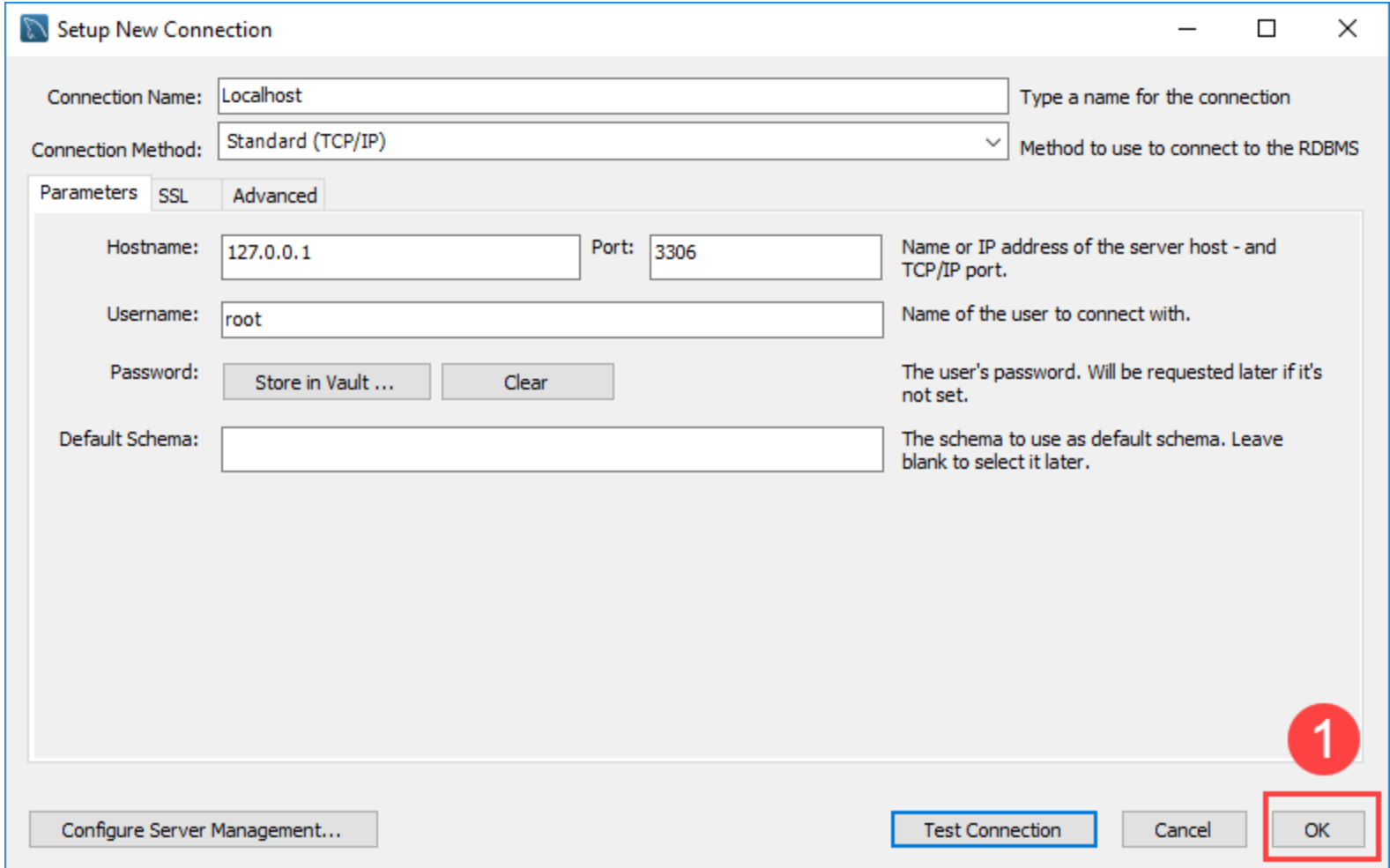
Step 3. Click the `Store in Vault ...` button to enter the password for the provided user account. A window will display. You enter the password and click the OK button.



Step 4. Click the Test Connection button to test if the connection to the MySQL Server is successful or not. Then click the OK button if the connection is established successfully.



Step 5. Click the OK button to save the connection.

The image shows a 'Setup New Connection' dialog box. At the top, there are fields for 'Connection Name' (set to 'Localhost') and 'Connection Method' (set to 'Standard (TCP/IP)'). Below these are three tabs: 'Parameters', 'SSL', and 'Advanced'. The 'Parameters' tab is active, showing fields for 'Hostname' (127.0.0.1), 'Port' (3306), 'Username' (root), 'Password' (with 'Store in Vault ...' and 'Clear' buttons), and 'Default Schema'. To the right of these fields are descriptive labels. At the bottom, there are four buttons: 'Configure Server Management...', 'Test Connection', 'Cancel', and 'OK'. A red circle with the number '1' is placed over the 'OK' button, and a red rectangle highlights the 'OK' button itself.

Setup New Connection

Connection Name: Type a name for the connection

Connection Method: Method to use to connect to the RDBMS

Parameters SSL Advanced

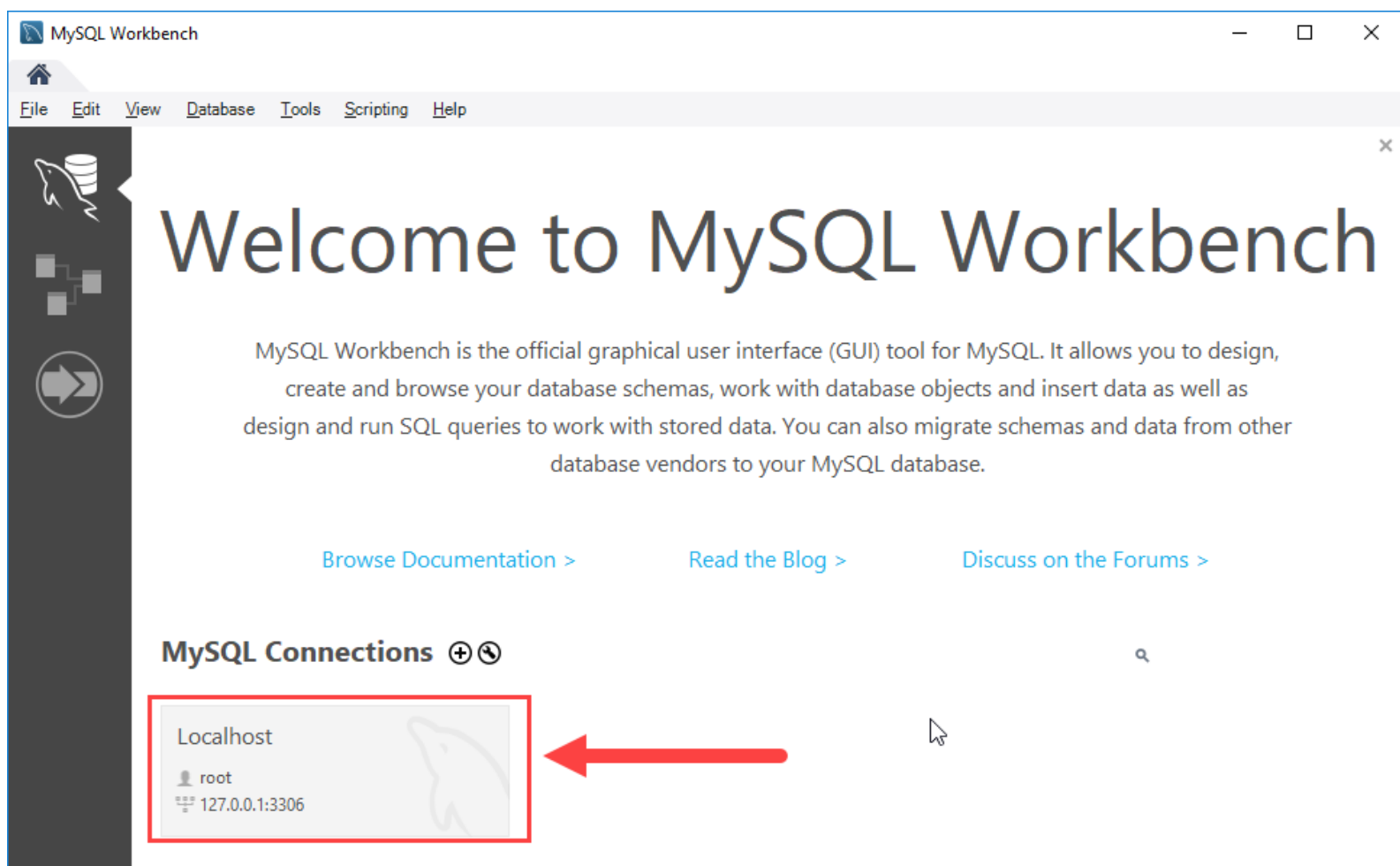
Hostname: Port: Name or IP address of the server host - and TCP/IP port.

Username: Name of the user to connect with.

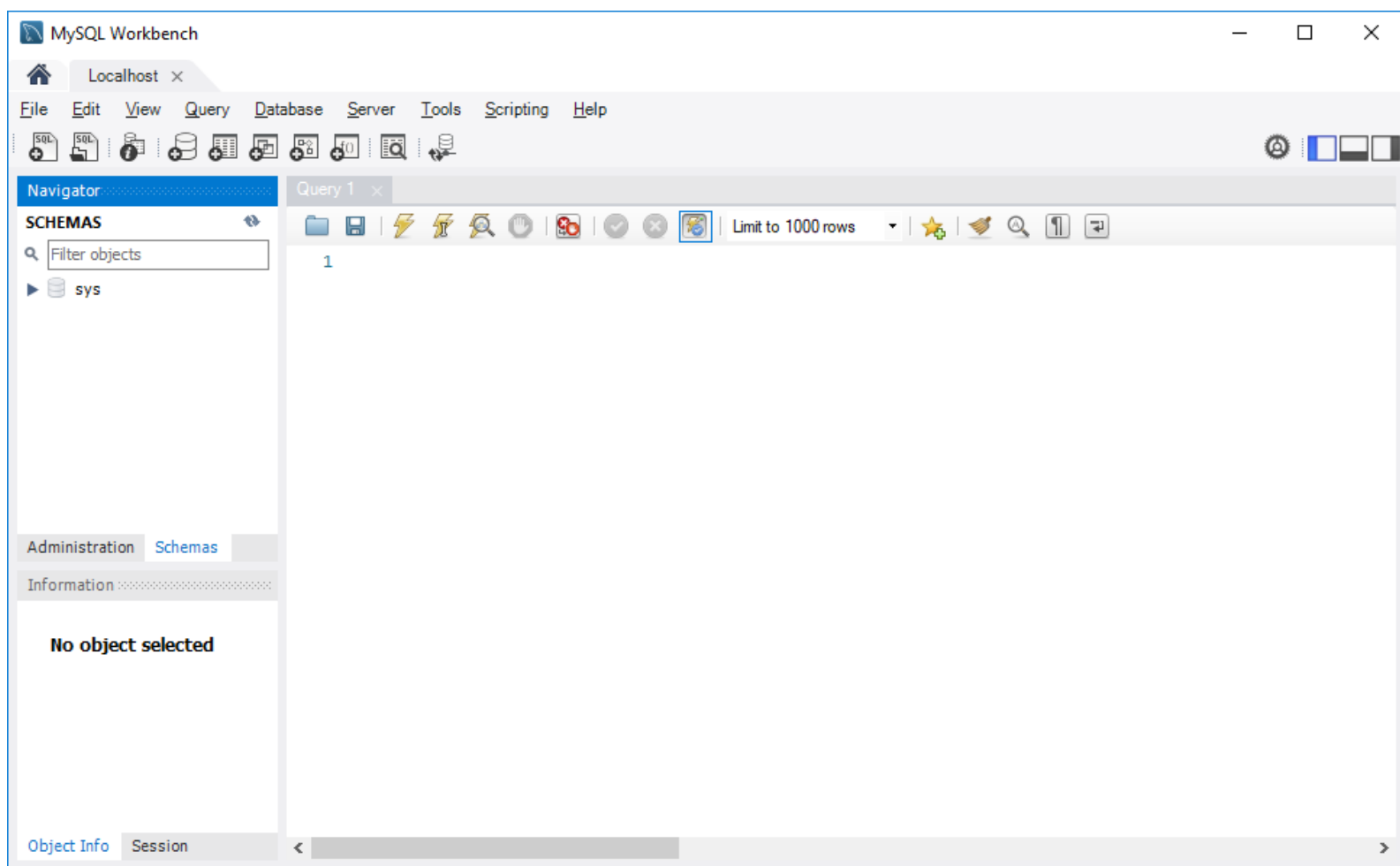
Password: The user's password. Will be requested later if it's not set.

Default Schema: The schema to use as default schema. Leave blank to select it later.

Step 6. Click the newly created connection under MySQL Connections to connect to the MySQL Server:



Step 7. MySQL Workbench display with the current schemas and a pane for entering queries:



To execute a query from the MySQL Workbench, you enter the query in the query tab (1) and click the Execute button from the toolbar (2).

MySQL Workbench will send the query to the MySQL Server and get the result back (3 + 4):

MySQL Workbench

Localhost x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

sys

Query 1 x

Limit to 100

1 • `select 1 + 1;`

1

Administration Schemas

Information

No object selected

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

1 + 1
2

3

Result 1 x

Output

Action Output

#	Time	Action	Message
✓ 1	11:23:40	select 1 + 1 LIMIT 0, 1000	1 row(s) returned

4

In this tutorial, you have learned how to connect to the MySQL Server using mysql command-line client and MySQL Workbench.